

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

Cities Service Company
Well No. 1 Government "AN"
660' FNL and 1980' FWL, Section 3-20S-28E
Eddy County, New Mexico
Lease NM-13232

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This plan is submitted with the Application for Permit to Drill the above described well. The purpose of the plan is to identify the location of the proposed well, the proposed construction activities and operations plan, the magnitude of necessary surface disturbance involved and the procedures to be followed in rehabilitating the surface after completion of the operation so that a complete appraisal may be made of the environmental effects associated with the operation.

The well has been staked by a Registered New Mexico Land Surveyor and the work area and access road have been staked and flagged. Dr. J. Loring Haskell has been engaged to make an Archaeological Reconnaissance of the work area and access road. His findings concerning cultural resources will be reported to the Bureau of Land Management.

1. Existing Roads

A portion of an Eddy County highway map is attached showing the location of the well as staked. The existing road system and the well site are shown in relation to the City of Carlsbad, New Mexico.

To further identify the location, the well is spotted on a copy of a USGS "Oil City, New Mexico" Quadrangle map which also shows the existing road system and the proposed access road.

Directions to location:

Starting point is the intersection of Canal and Orchard Streets in the north part of Carlsbad, New Mexico.

Go north 9.8 miles on black topped State Highway #239 to Angell Ranch turnoff.

Turn east on caliche lease road 1.75 miles past the Angell Ranch headquarters, then follow the same road south 1.65 miles to intersection going east.

Turn east past 2 large caliche pits and go 2.25 miles to Cities Service Company's No. 1 Government "R".

1. Existing Roads - Cont.

Turn northeasterly and go 2 miles to intersection with another lease road.

Turn west and go 1.4 miles. At this point the planned access road will start.

2. Planned Access Road

A. The planned access road is staked and flagged. It is proposed to upgrade 3100' of existing ranch road going in a northwest direction from the starting point, then build 1000' of new road due north into the southwest corner of the drilling pad. The access road is color coded red on the USGS "Oil City, New Mexico" quadrangle map. All roads will be 12' wide.

B. Surfacing material: Six inches of caliche, watered, compacted and graded.

C. Maximum grade: 3 per cent.

D. Turnouts: One turnout at half way point of the proposed access road. This will increase the width of the road to 20' for a distance of 50'.

E. Drainage design: New road will have a drop of 6" from center line on each side.

F. Culverts: None needed.

G. Cuts and fills: None required.

H. Gates or cattleguards: None required.

3. Location of Existing Wells

A. Existing wells in the surrounding sections are shown on the third attached map.

4. Location of Existing and/or Proposed Facilities

A. Production facilities for all the existing wells in the area are located on the individual drilling well pads and no additional surface disturbance has occurred.

B. Proposed production facilities will be set on the drilling pad of the Government "AN" No. 1 approximately 150' from the well.

The equipment will consist of two 300 barrel tanks to collect condensate and water which will be trucked to sale or disposal and a production unit (stack pack). All equipment will be fenced with a chain link fence.